#### **RAW SEQUENCE LISTING**

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number:	10/580,752
Source:	IFWP:
Date Processed by STIC:	6/9/06
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**IFWP** 

RAW SEQUENCE LISTING DATE: 06/07/2006
PATENT APPLICATION: US/10/580,752 TIME: 11:12:17

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Input Set : F:\V4704G-PCT-Seq list.txt
Output Set: N:\CRF4\06072006\J580752.raw

#### Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

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Seq#:58; Xaa Pos. 217
Seq#:59; N Pos. 643,648
Seq#:60; Xaa Pos. 215,216

Seq#:61; N Pos. 555,560,625,732,786,883,896,1134,1207,1213,1225,1227

Seq#:62; Xaa Pos. 187,209,244,262,295,299,403,405,409

Seq#:63; N Pos. 37,1134,1207,1210,1256,1297,1329,1433,1465,1512,1533,1612

Seq#:64; Xaa Pos. 13,378,403,404,419,433,443,478,489,504,511,538

## VERIFICATION SUMMARY PATENT APPLICATION: US/10/580,752 DATE: 06/07/2006 TIME: 11:12:18

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L:11 M:270 C: Current Application Number differs, Replaced Current Application Number
L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:3475 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:57 after pos.:600
L:3534 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:58 after pos.:208
L:3600 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:59
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M:341 Repeated in SeqNo=61
L:3828 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:62
L:3832 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:62
L:3836 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:62 L:3840 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:62
L:3844 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:62
L:3848 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:62
L:3852 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:62
L:3856 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:62
L:3879 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:62 after pos.:176
M:341 Repeated in SeqNo=62
L:3949 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:63
L:3953 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:63
L:3957 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:63
L:3961 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:63
L:3965 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:63
L:3969 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:63
L:3973 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:63
L:3977 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:63
L:3981 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:63
L:3985 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:63
L:3989 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:63
L:3990 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:63 after pos.:0
M:341 Repeated in SeqNo=63
L:4036 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:64
L:4040 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:64
L:4044 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:64
L:4048 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:64
```

VERIFICATION SUMMARYDATE: 06/07/2006PATENT APPLICATION: US/10/580,752TIME: 11:12:18

Input Set : F:\V4704G-PCT-Seq list.txt
Output Set: N:\CRF4\06072006\J580752.raw

L:4052 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:64 L:4056 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:64 L:4060 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:64 L:4064 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:64 L:4065 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:64 after pos.:0 M:341 Repeated in SeqNo=64 L:4771 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order! L:4774 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:84 L:4970 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order! L:4973 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:86 L:5169 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order! L:5172 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:88 L:5368 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order! L:5371 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:90 L:5567 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order! L:5570 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:92 L:5766 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order! L:5769 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:94 L:5965 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order! L:5968 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:96 L:6164 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order! L:6167 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:98 L:6363 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order! L:6366 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:100 L:6562 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order! L:6565 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:102 L:6761 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order! L:6960 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order! L:7159 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order! L:7358 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order! L:7557 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order! L:7756 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order! L:7955 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order! L:8154 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order! L:8353 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order! L:8552 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order! L:8751 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order! L:8950 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!